WA13V9
WA12V9
WA11V9
WA10V9

Washing Machine
user manual

imagine the possibilities

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SAMSUNG

WA11V9KIC-02604C_EN.indd 1 2008-04-18 ¿ÀÈÄ 12:01:08

features

1. Air Turbo Drying System

Air Turbo technology spins hard and fast so you can spend less time drying.

Time Saving AIR TURBO saves your time, ensuring your clothes are dried 30%-40% faster than line drying alone. Especially during the rainy season and in high-humid weather, laundry that once took days to drip-dry, such as heavy jeans, bulky sweaters, and thick blankets are dried more rapidly.

Easy-to-iron AIR TURBO is perfect for delicates and clothes made of synthetic fabrics. No more hanging and waiting. Simply iron straight-out-of-the washer, since AIR TURBO eliminates just enough moisture to keep clothes adequately damp for ironing.

2. Diamond Drum

The diamond shaped drum creates a high water pressure, removing dirt from the laundry effectively. The diamond drum minimizes fabric damage extending the lifetime of the fabric. The glittering inner tube is both beautiful and powerful in the wash effect it creates.

3. Fuzzy Control

Fuzzy control operates with best washing program by sensing the washload like artificial intelligence.

4. Tempered Transparent Door

Lets you observe while the washer is operating. Check on your laundry's progress at any time.

5. Double Storm Pulsator- Less Tangle, Better Washing Performance

Tangle Free - Multi-dimensional water currents help clothes stay tangle free.

Water current technology designed specifically to enhance washing performance. The power of tornado-like multi-dimensional water currents guarantee excellent washing performance.

6. Magic Filter

This unique magic Filter ensures that all the lint inside the tub is captured for top quality filtering results to deliver consistently effective cleaning results.

7. CHILD-LOCK Function

This is a device to protect children from being accidentally hurt while playing with the washer.(For more information, see page 10.)

WA11V9KIC-02604C_EN.indd 2 2008-04-18 ¿ÀÈÄ 12:01:09

safety instructions

Please note that the following precautions for safety intend to prevent unpredictable danger and damage by helping the proper use in safety.

When using hot water in washing, please make sure that the water should not exceed 50°C.

- Plastic parts may be deformed or damaged, and an electric shock or a fire may take place.

WARNING

There might be serious injury or fatal accident when you violate this instruction.

- If the plug (power supply cord) is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not pull the cord off or touch it with moist hands.
  – An electric shock or a fire may take place.
- Do not bend the power supply cord by force or press it with heavy things.
  – An electric shock or a fire may take place.
- Do not install the washer nearby electric implement or don't put a candle light or cigarette light on the washer.
  – A fire may take place.
- During operation, do not put your hands or metal materials under the washer.
  – You may be hurt by spinning board beneath the washer.
- Stay away from the washer when the bottom of the washer sinks into the water.
  – There might be an electric shock. Please wait until the water drains out completely.
- Do not put laundry stained with gasoline, benzene, or alcohol in the washer, and keep the materials away from the washer.
  – An explosion or a fire may take place.
- During spinning, don't put your hand in the spinning tub.
  – It may hurt your hands. If it does not stop within 15 seconds after you open the lid, call service agent immediately.
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.
  Young children should be supervised to ensure that they do not play with the appliance.
- This appliance has to be connected to the plug endurable to proper power consumption.
- This appliance has to be positioned so that the plug is accessible after installation.
- No user-serviceable parts inside. Refer any servicing to qualified service personnel.
  – Otherwise this may cause a mechanical error, electric shock, fire or physical damage.
  – The product warranty does not cover problems resulting from disassembling the product.
- Do not use this product for business purposes.
- For washing machines with ventilation openings in the base, that a carpet must not obstruct the openings.

WA11V9KIC-02604C_EN.indd 3 2008-04-18 ¿ÀÈÄ 12:01:09

safety instructions

CAUTIONS

There might be a slight injury or damage when you violate this instruction.

- Don't install it in the area with moisture or outdoor where it has rain or snow.
  - An electric shock or a fire may take place.
- Please unplug the power supply cord when you do not use it.
  - An electric shock or a fire may take place.
- If there is dust or water on the power supply plug and its connected part, please remove it completely.
  - An electric shock or a fire may take place.
- Do not make your kids look into the inside of the washer.
  - If your kid falls into the washer, his life could be in danger.
- Ventilate immediately without touching the power plug if gas is leaking.
  - An electric shock or a fire may take place if it catches flame.
- If the washer makes strange noise, smell or smoke, unplug it promptly and call service agent.
  - An electric shock or a fire may take place.
- When cleaning, don't spray water to the parts of the washer directly.
  - It may make its life span shorten.

  Also an electric shock or fire may take place.
- Don't use several appliances together with an outlet.
  - A fire may take place due to unusual heat.
- Don't press the button with an awl or pin.
  - An electric shock or a fire may take place.
- Use the new hose-sets and old hose-sets should not be reused.
- If the damage is found on the current cord in use, it should be replaced by manufacturer, service center or authorized person in order to avoid the risk.
- Connect the grounding wire to the shell plate, and bury it under at least 25cm of earth: alternatively, connect the ground wire to the appropriate pin on a properly grounded power receptacle. Never connect the w ire to a telephone line, lightning rod, or gas pipe. option

WA11V9KIC-02604C_EN.indd 4 2008-04-18 ¿ÀÈÄ 12:01:09

contents

SETTING UP YOUR WASHER 6

6 Description of part
7 Checking before washing and caring for garments
9 How to wash automatically depends on the laundry
10 Control Panel
11 Fuzzy program
11 Blanket program
12 Wool program
12 Memory program
12 Easy program
13 Quick program
13 Super Clean
13 ECO+ program
13 Delay Start
14 Air Turbo

MANUAL FUNCTIONS 15

15 Manual functions

INSTALLATION & MAINTENANCE 16

16 Environment
16 Levelling
17 Connecting the water supply hose
18 How to connect the drain hose
18 In case of pump-drained washer
18 Cautions when inserting the drain hose(in case of general washer)
19 Assembling the rat protection panel
19 How to put the detergent in
19 How to add the fabric softener
19 Water supply connector filter
20 Cleaning the filter
20 Clean the pump filter

TROUBLESHOOTING 21

21 Troubleshooting

WASHING MACHINE WON'T WORK? 22

22 Washing machine won't work?

SPECIFICATION 23

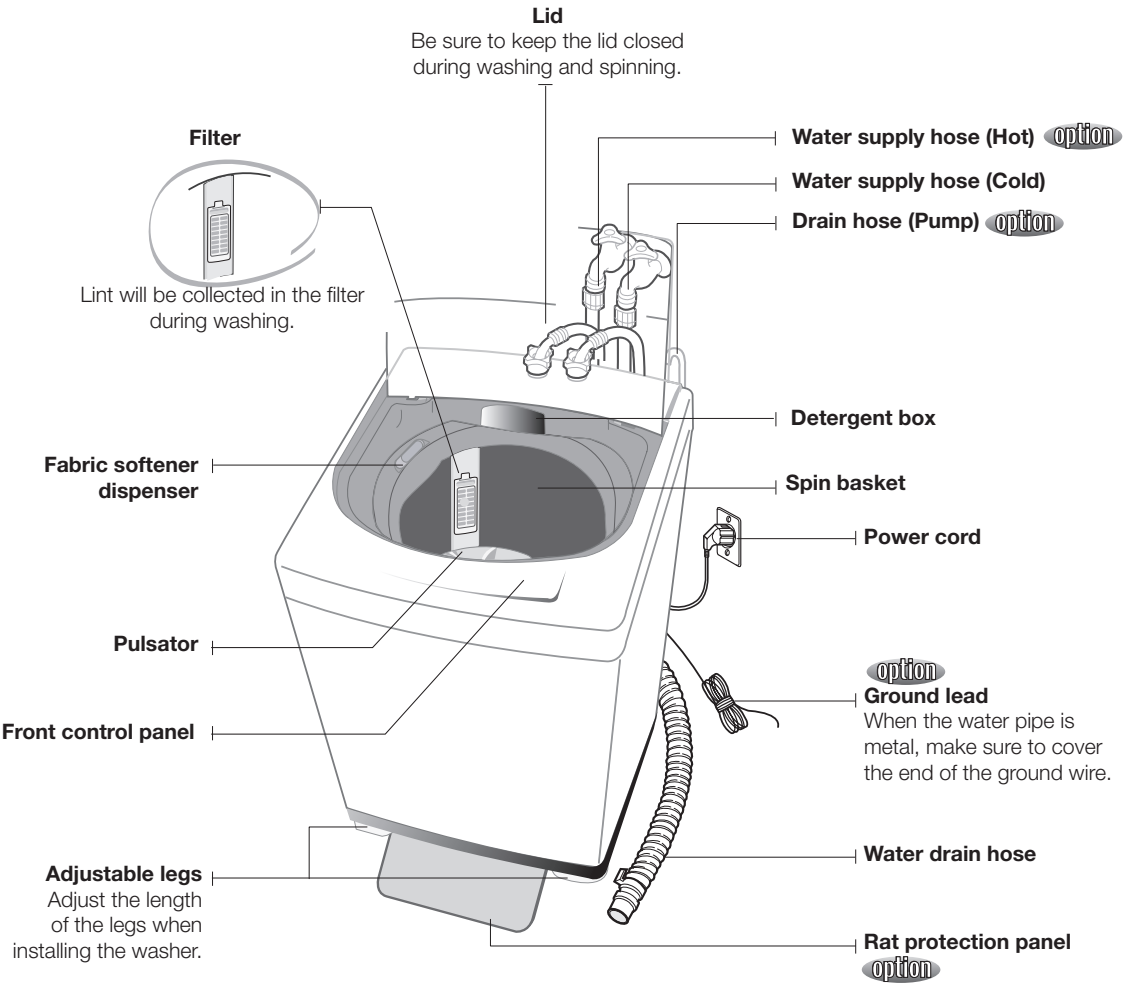
23 Specification

WA11V9KIC-02604C_EN.indd 5 2008-04-18 ¿ÀÈÄ 12:01:09

setting up your washer

DESCRIPTION OF PART

The User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.


Lid
Be sure to keep the lid closed during washing and spinning.
Filter
Lint will be collected in the filter during washing.
Water supply hose (Hot) option
Water supply hose (Cold)
Drain hose (Pump) option
Detergent box
Fabric softener dispenser
Spin basket
Power cord
Pulsator
option
Ground lead
When the water pipe is metal, make sure to cover the end of the ground wire.
Front control panel
Water drain hose
Adjustable legs
Adjust the length of the legs when installing the washer.
Rat protection panel
option

WA11V9KIC-02604C_EN.indd 6 2008-04-18 ¿ÀÈÄ 12:01:09

CHECKING BEFORE WASHING AND CARING FOR GARMENTS

Must follow the checkpoints in order to avoid machine problems or damages on garments.

- If the below problems are caused by customer's faults, separate service fee will be charged.

Checkpoints Before Starting Washing

Check if the clothes are bleaching or not.

- Add liquid detergent to a white towel and the garment where you can't notice well. Then, rub together strongly. Check if the color transferred to the towel.
- Be careful for scarves and imported clothes since they are easily discoloring.
- Check for stains or partial dirt.
- If stains are found, use the towel wet with detergents to rub on in a single direction.
- Before washing, the sleeves, collar, dress hem and pockets are pre-treated by brushing with detergents.

The wrinkle-processed clothes made of wool are specially treated by fixing them with threads before washing. The threads shall be removed after the clothes are dried.

Not washable laundry

Clothes those are easily transformable even by soaking in water.

- Even by soaking in water, neckties, brassieres, jackets, suits and coats can be easily transformed like shrinking and discoloring on the garment surfaces because they are mostly made of rayon, polynosic, cuff and their blend fabrics.
- The wrinkle-processed, embossed, or resin processed products are easy to transform even by soaking in water.
- Easily discoloring products made of cotton and wool, wrinkled silk, leather products, leather accessory, leather ornamented clothes and its accessory.
- Don't wash those clothes without handling guideline or material indication tag.

About Detergent

- When detergents are not dissolving well, use warm water (about 40°C) to dissolve the detergent.

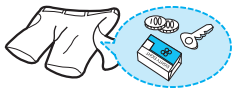
CAUTION

- Use an appropriate amount.
- Even if excess amount of detergent is used, there is not much difference in washing result. It may cause damages to the garments because rinsing is not enough.
- The bleaching agent may cause damages to garments since it is strong alkali.
- Do sufficient rinsing because the powder detergent is easily remained on the garments causing bad odors.
- If too much detergent is used or cold water is used, it doesn't dissolve completely and remain on the garments, hose or spin basket, causing contamination on clothes.
- In case of reserved washing, detergents must be put in the detergent box. If the powder detergents are spread on laundry directly, it may cause discoloration.

WA11V9KIC-02604C_EN.indd 7 2008-04-18 ¿ÀÈÄ 12:01:09

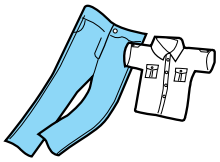
CARING FOR CLOTHES BEFORE WASHING

Take out personal belongings from pockets.



- Caution, Check the pockets! Hairpins and coins cause damages to clothes and washing machine. They make noise and problems to the machine. Must check the pocket.

If pants zippers are open while washing, the spin basket may be damaged. The zipper should be closed and fixed with a string before washing.



- Metal on the clothing may cause damage to the clothes and the tub.
- Turn clothing with buttons and embroidered clothes inside out the before washing them.
- Clothing with long strings may become entangled with other clothes, and may cause damage to the clothing. Be sure to fix the strings before washing.

Waterproof clothes (Ski Wear, Diaper Covers, Footboards) are not allowed for washing.

- This may cause the laundry to be ejected or cause the washing machine to vibrate abnormally, which may result in personal injury or damage the washing machine, the floor or the clothing. (Diapers, waterproof clothing, raincoats, umbrella covers, skiwear, car cover sheets, and sleeping bags, etc.).
- When the tub rotates, water may become trapped in the waterproof clothing or fabric and can collect in a corner, causing abnormal vibrations. In addition, the laundry rises and may be ejected and cause personal injury.

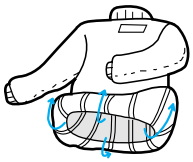
Shake the dirt or soils from clothes.

- Soil and sands may rub delicate garments to cause damages and the washing result may be unsatisfactory.

Do pre-washing for white socks, sleeves, and collars before the main washing.

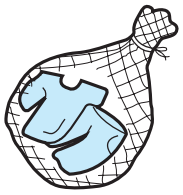
- For stains and dirt on collars, sleeves, hems, and pockets, apply some detergent to them and apply it lightly with a brush before washing.
- Use powdered or liquid detergent. Do not use soap as the tub may become dirty from the dirt on it.

Turn inside out for those nappy clothes before washing.



- If clothes have too much foreign matter, separate them for washing. Other clothes may pick up those dirty matters (dirt, thread).
- Wash black colored clothes and cotton towels separately. If they are washed together, towels may pick up dirty matters. Check before washing.

Cashmilon and those garments having big volume and lightweight (eg. Lasedecorated clothes, lingerie, nylon stocking, synthetic fabrics etc.) may rise and cause damages to the clothes and problems to the machine. Use the laundry net or wash them separately.



- Must put those long stringed clothes, lase-worked clothes, bed cover sheet, wool clothes into a laundry net before washing.
- Put wool clothes in the laundry net.
- Use only those commercial laundry net for washing.

Curtains, floating garments or blue jeans shall be pressed not to float on the water.

- If they are floated on the water, press Start/Pause button to stop and press them to sock in the water. If the washing goes on with clothes floating on the water, it may cause damages to the clothes and the washing machine as well as unsatisfactory washing result.

WA11V9KIC-02604C_EN.indd 8 2008-04-18 ¿ÀÈÄ 12:01:10

HOW TO WASH AUTOMATICALLY DEPENDS ON THE LAUNDRY

Before starting washing, check the following;

- Connect the water supply hose to the water tap. Leave a tap open. Plug the power cord in. Make sure to lay down the drain hose.

Washing for the first time

Before washing clothes for the first time, you must run a complete cycle without clothes.
To do this:

1. Press the **Power** button.
2. Open the detergent drawer and insert a little detergent.
3. Turn on the water supply to the washing machine.
4. Press the **Start/Pause** button.
   This will remove any water from the manufacturer's test run remaining in the machine.

Special notes!

Automatic Sensing Function

- At every program (except wool program) the amount of laundry is automatically sensed and then appropriate water level, washing time, rinsing cycle, and spinning time are automatically selected for automatic washing.
- After the power is on, a program is selected and **Start/Pause** button is pressed. Then, the washing board starts spinning without water. This action senses how much laundry is in the washing basket, not a machine problem. After this sensing process, water supplies automatically.

Adding Detergent and Softener

- It senses the amount of laundry and indicates the water level and amount of detergent. Then, it starts water supply right away.
- During the water supply, it is possible to open the detergent box and add detergent. However, it is better to press **Start/Pause** button to stop water supply and add detergent. Close the lid and press **Start/Pause** button again. This way is much more convenient.
- If the softener is inserted in the softener dispenser, it automatically adds in at the last rinsing cycle.

Put the laundry into the washer and add detergent, too.

- Be careful not to overload. Use right detergent for the fabrics you are washing.

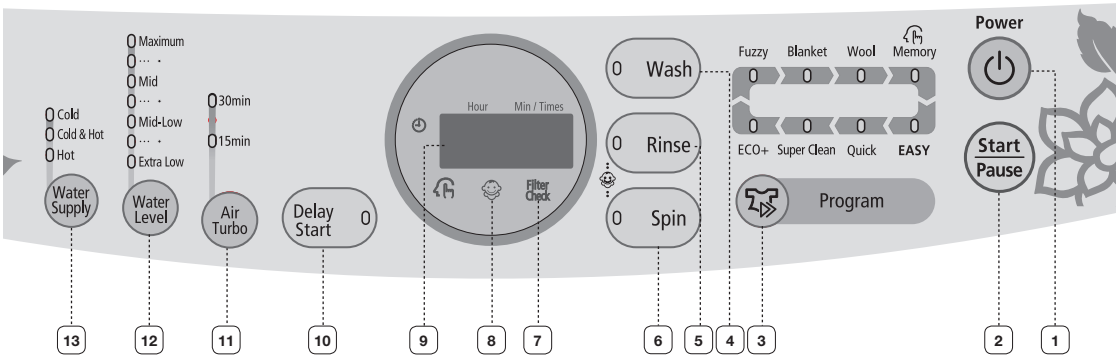
- If the lid is open while running, the washing machine is stopped automatically for safety. (Except, water supply continues while the lid is open.)
- When hot water is selected, both cold and hot water are supplied for the first 20 seconds in order to protect the clothes.
- Possible to control the washing time, rinsing cycle, and spinning time at every program during the washing.

WA11V9KIC-02604C_EN.indd 9 2008-04-18 ¿ÀÈÄ 12:01:10

setting up your washer

CONTROL PANEL

For more details, see control panel of your washing machine.



1 **POWER BUTTON**	Press this button once to turn the power on. Press it again to turn the power off.
2 **START/PAUSE BUTTON**	Press to pause and restart programs. To change the washing procedure during an operation, press this button to stop the operation, and press it again to restart the washer after changing the washing procedure.
3 **PROGRAM SELECTION BUTTON**	Press this button repeatedly to cycle through the washing programs: [Fuzzy → Blanket → Wool → Memory → Easy → Quick → Super Clean → ECO+]
4 **WASH BUTTON**	Press this button to only perform a wash cycle or to adjust the wash time.
5 **RINSE BUTTON**	Press this button to perform only the rinse cycle or to adjust the amount of rinse cycles.
6 **SPIN BUTTON**	Press this button to only perform a spin cycle or to adjust the spin time. When only a spin cycle is selected, the spin time will be different from the total remaining time. This is because the total remaining time includes the actual spin time, the time for the water to drain and the washer to stop.
7 **FILTER CHECK**	When the wash is finished, the warning lamp lights up on the filter check. When the door is opened, it turns off. (This is not a fault.)When the Magic filter is clogged, foreign materials may start sticking to the laundry. To ensure a clean wash, please remove foreign materials from the filter after every wash.
8 **CHILD-LOCK FUNCTION**	This is a device to protect children from being accidentally hurt while playing with the washer. • How to start the Child-Lock function: - Press the “Power” button to go to an initial washing mode. - By pressing “Start/Pause” button, you start washing and in case Child Lock function is needed during the laundry - Press both the “Rinse” and “Spin” buttons at the same times.(for 3 seconds) (Note: You cannot perform the function without the “Power” button on.) • To release the function of Child-Lock: In case the “Child-Lock” is programmed, press both the “Rinse” and “Spin” buttons at the same time.

WA11V9KIC-02604C_EN.indd 10 2008-04-18 ¿ÀÈÄ 12:01:11

9 **REMAINING TIME, DELAY START TIME, ERROR DISPLAY**	The display shows the remaining wash time, the reserved delayed start time and error messages.
10 **DELAY START BUTTON**	Press this button to finish the wash at a specified time. Turn your washer off to cancel a previously delayed start time. You can set the delayed start time from between 3 to 18 hours.
11 **AIR-TURBO BUTTON**	Press this button to fast-dry your laundry. Press this button to toggle between the Air-Turbo options: 30 Min → 15 Min → Off → 30 Min This function can only be selected if a spin cycle has been set.
12 **WATER LEVEL BUTTON**	The water level is automatically adjusted. However, you can select the water level manually by repeatedly pressing this button.
13 **WATER SUPPLY BUTTON(Optional)**	Press this button repeatedly to cycle through the water options: Cold → Cold & Hot → Hot → Cold To change the water options, turn off the Silver Water function.

Fuzzy program

Use this program to automatically select the optimal washing program.

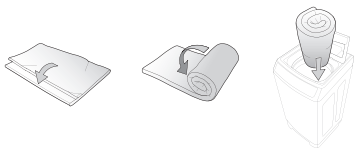
1. Press the **Power** button to turn the washer "On".
2. Press the **Start/Pause** button. The water level is selected automatically.
3. The wash, rinse, and spin cycles follow.
4. To pause a program, press the **Start/Pause** button again. You can change the program when it is paused.
5. Close the lid.

Blanket program

Use this program for big volume laundry items such as blankets and bed cover sheets.

1. Press the **Power** button to turn the washer "On".
2. Press the **Program** select button.
3. Press the **Start/Pasue** button. The water level is selected automatically.
4. The wash, rinse, and spin cycles follow.
5. To pause a program, press the **Start/Pause** button again. You can change the program when it is paused.
6. Close the lid.

- Do not wash electric blankets and carpets.
- Fold big volume laundry items (blankets and bed cover sheets) in the following way before adding them into the spin basket.
- Purchase a laundry net for light and big volume laundry items (e.g. cashmere, blankets) as they may rise to the top of the washer and become damaged.



WA11V9KIC-02604C_EN.indd 11 2008-04-18 ¿ÀÈÄ 12:01:11

Wool program

Use this program to wash delicate clothing items such as washable sweaters, cardigans, and other wool items.

1. Press the **Power** button to turn the washer "On".
2. Press the **Program** select button.
3. Press the **Start/Pause** button. The water level is automatically selected at the mid-level between Mid-low and Extra low. You can also adjust the water level manually.
4. The wash, rinse, and spin cycles follow.
5. To pause a program, press the **Start/Pause** button again. You can change the program when it is paused.
6. Close the lid.

- You can select only Cold water.
- The last spin cycle is a light cycle to prevent wrinkles.
- Use only detergent indicated by the laundry.
- Refer to the Care Label on the clothing for the appropriate wash information.
- Make sure buttons are fastened and that clothing is turned inside out.
- In the Wool program, Air Turbo function cannot be selected as it may damage delicate items.

Memory program

Use this program to create your very own favorite or frequently used programs and store them in the washer so that you can select them at any time.

1. Press the **Power** button to turn the washer "On".
2. Press the **Program** select button.
3. Select your frequently used functions.
   Select Wash, Rinse, or Spin according to your requirements.
4. Press the **Start/Pause** button to store them.

Only stored when the Wash + Rinse + Spin steps are selected.

5. Add detergent and softener according to the water level and close the lid.

- If you select the Memory program after turning the washer "On", the stored settings are automatically retrieved.
- To change the stored settings, select the Memory program, reconfigure the settings and then press the **Start/Pause** button. Then, the changes are stored.

Easy program

If you choose EASY, you will enjoy full access to all of Samsung Washing Machine's userfriendly functions at your fingertips. When selecting this program, Air Turbo is selected automatically.

1. Press the **Power** button to "**On**".
2. Press the **Program** select button four times.
3. Press the **Start/Pause** button. Water level is selected automatically. Washing rinsing, and spinning follow. If you want to pause, press the **Start/Pause** button again. You can change the Program when paused.
4. Close the lid.

WA11V9KIC-02604C_EN.indd 12 2008-04-18 ¿ÀÈÄ 12:01:11

Quick program

The Quick program is good for light or slightly stained laundry.

1. Press the **Power** button to turn the washer "On".
2. Press the **Program** select button.
3. Press the **Start/Pause** button. The water level is selected automatically.
4. The wash, rinse, and spin cycles follow.
5. To pause a program, press the **Start/Pause** button again. You can change the program when it is paused.
6. Close the lid.

Super Clean

Use this program to achieve the cleanest wash.

This program provides you with the optimum in washing performance through the 5-step super clean system.

1. Press the **Power** button to turn the washer "On".
2. Press the **Program** select button.
3. Press the **Start/Pause** button. The water level is selected at the mid-level between Mid and Mid-low.

The water level is selected between Maximum and Mid or at the mid-level between Mid and Mid-low.

4. Close the lid.

ECO+ program

If you want to wash those frequently used towels or less dirty laundry time. Because washing is speedy, it is good for light or less stained laundry.

1. Press the **Power** button to turn the washer "On".
2. Press the **Program** select button.
3. Press the **Start/Pause** button.
4. The wash, rinse, and spin cycles follow.
5. To pause a program, press the **Start/Pause** button again. You can change the program when it is paused.
6. Close the lid.

Delay Start

Use this to specify a time for the wash cycle to start, for example, when you need to go out and are unable to monitor the washer.

1. Press the **Power** button to turn the washer "On".
2. Press the **Delay Start** button once.
   You may set the delay end time using the **Delay Start** button from between 3 to 18 hours.
3. Press the **Start/Pause** button and add the appropriate amount of detergent into the detergent drawer.
4. Close the lid.
   The wash will finish by the set time.
   Add detergent and softener according to the water level and close the lid.

- Detergent must be added into the detergent drawer.
- If detergent is added onto the laundry directly, some clothes may become discolored because the start has been delayed.
- To cancel a Delay Start, press the **Power** button.

WA11V9KIC-02604C_EN.indd 13 2008-04-18 ¿ÀÈÄ 12:01:11

Air Turbo

This program saves you valuable time, ensuring that your clothes dry faster than from line drying.

1. Press the **Power** button to turn the washer "On".
2. Press the **Air Turbo** button.
   Each time the Air Turbo button is pressed, the operations are performed in the following order: 30 Min → 15 Min → Off → 30 Min
3. Close the lid.
4. Press the **Start/Pause** button.

- This can be selected as an additional option for all programs except for Wool program.
- The Air Turbo function is only available when spin cycle is selected.
- Select this when you want to half-dry the laundry.

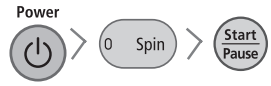
WA11V9KIC-02604C_EN.indd 14 2008-04-18 ¿ÀÈÄ 12:01:12

manual functions

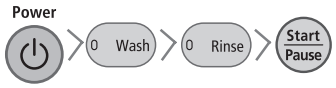
Possible to select the function for each program.
(Example) For a simple washing as the little dirt program :
Power → Select the little dirt program → Wash → Start/Pause

WASH ONLY
Press the **Power** button.
Press the **Wash** button.
Press the **Start/Pause** button.
When the **Wash** button is pressed during washing, the wash time can be changed to between 6 and 30 minutes in duration.

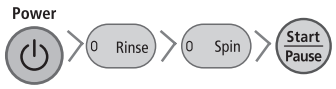
RINSE ONLY
Press the **Rinse** button.
Press the **Start/Pause** button.
Rinsing goes on for 2 times.
When the **Rinse** button is pressed during rinsing, the rinse times can be changed to between 2 to 5 times in duration.



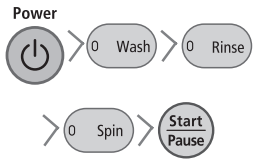
SPIN ONLY
Press the **Spin** button.
Press the **Start/Pause** button.
When the **Spin** button is pressed during spinning, the spin time can be changed to from 1 to 9 minutes.



WASH AND RINSE
Press the **Wash** and **Rinse** button.
Press the **Start/Pause** button once.
Detects the amount of laundry, and determines wash and rinse time period automatically.
When the **Wash** and **Rinse** button is pressed during working.
Wash time period is determined between 6 and 30 minutes, and rinse time is determined between 1 and 5 times.



RINSE AND SPIN
Press the **Rinse** and **Spin** button.
Press the **Start/Pause** button once.
Rinsing and spin drying follow.
When the **Rinse** and **Spin** button is pressed during working. The number of rinse times is determined between 2 and 5, and spin time period for drying is determined between 1 and 9 minutes.



WASH, RINSE AND SPIN
Press the **Wash**, **Rinse** and **Spin** button.
Press the **Start/Pause** button once.
Wash, **Rinse** and **Spin** is performed.

WA11V9KIC-02604C_EN.indd 15 2008-04-18 ¿ÀÈÄ 12:01:13

installation & maintenance

The User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.

ENVIRONMENT

Leave some space

Maintain at least 10cm between the washer and the wall.

Place the washer on a sturdy flat surface.

If the washer is placed on an uneven or weak surface, noise or vibration occurs. (Allowable is 1°)

Adjust the legs for even placement.

Never install the washer near water.

Do not place the washer in steamy rooms or where the washer is directly exposed to rain. Moisture may destroy the electrical insulation causing an electrical shock hazard.

Avoid direct sunlight or heaters.

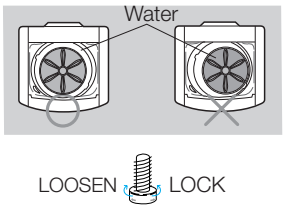
As plastic an electrical components are affected by direct heat, never place the washer near furnaces, boilers, etc. Do not place under direct sunlight.

LEVELLING

- If the washer is not leveled with the ground, it makes the machine tremble more or be out of order. So, make sure that the washer is leveled properly.

  SEE IF THE MACHINE IS PLACED LEVEL BY CHECKING THE POSITION OF THE WASHING TUB.

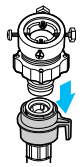
  - Open the lid of the machine, pour water into the tub up to the level just below the pulsator, and adjust the legs so that the pulsator is positioned at the center of the water as shown in the figure.
  - Place the machine more than 10cm away from the wall.
  - Adjust the legs on feet for levelling.



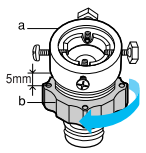
WA11V9KIC-02604C_EN.indd 16 2008-04-18 ¿ÀÈÄ 12:01:13

CONNECTING THE WATER SUPPLY HOSE

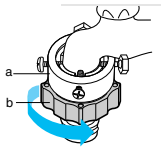
1. Remove the adaptor from the water supply hose.



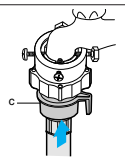
2. First, using a "+" type screw driver, loosen the four screws on the adaptor. Next, take the adaptor and turn part(b) following the arrow for gap about 5 mm between them.



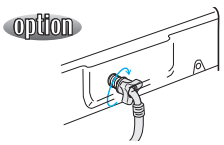
3. Connect adaptor to the water tap by tightening the screws firmly. Then, turn part(b) following the arrow and put (a) and (b) together.



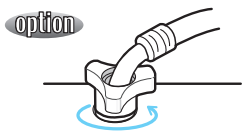
4. Connect the water supply hose to the adaptor. Pull down the part (c) of the water supply hose. When the part (c) is released, the hose is automatically connected to the adaptor making a 'click' sound.



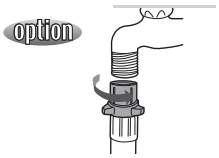
5. Connect the other end of the water supply hose to the inlet water valve at the back of the washer. Screw the hose clockwise all the way in.



5-1. Connect the other end of the water supply hose to the inlet water valve at the top of the washer. Screw the hose clockwise all the way in.



✻ If the water tap is a screw type, assemble a water supply hose that fits to the tap as shown. After completing connection, if water leaks from the hose, then repeat the same steps.

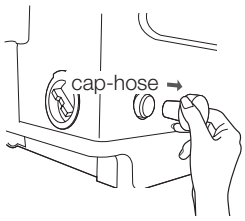


After completing connection, if water leaks from the hose, then repeat the same steps.
Use the most conventional type of faucet for water supply.
In case the faucet is square or too big, remove the spacing ring before inserting the faucet into the adaptor.

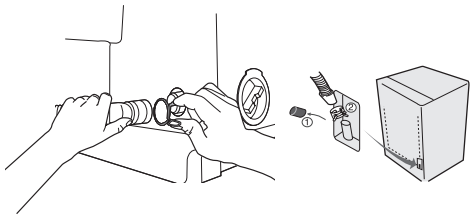
WA11V9KIC-02604C_EN.indd 17 2008-04-18 ¿ÀÈÄ 12:01:14

HOW TO CONNECT THE DRAIN HOSE option

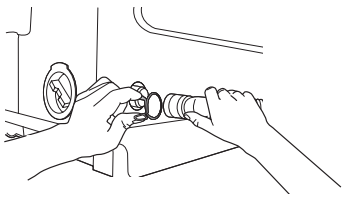
IN CASE OF PUMP-DRAINED WASHER



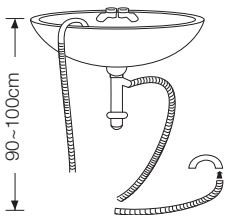
Take out the cap-hose and connect the outlet-hose.



Be sure to join tightly the drain hose into the drainoutlet on the back of the machine.

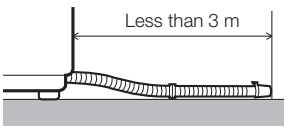


Be sure to join tightly the drain hose into the drain-outlet on the side of the machine.

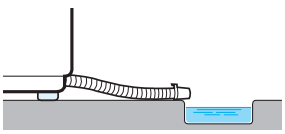


Install the drain hose in the position of about 90~100cm above the ground.

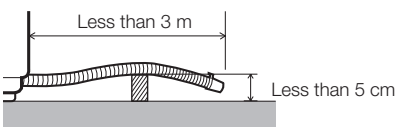
Cautions when inserting the drain hose(in case of general washer)



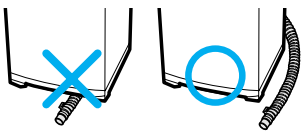
1. Don't exceed more than 3m when the drain hose is used by connecting with other hoses.



2. Be careful to drain water out at the end of the drain hose.



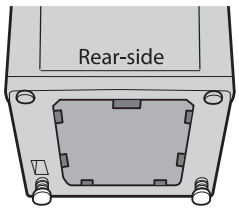
3. The doorsill shoudn't be more than 5cm.



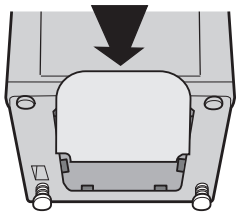
4. Don't install the drain hose underneath the wash machine.

WA11V9KIC-02604C_EN.indd 18 2008-04-18 ¿ÀÈÄ 12:01:14

ASSEMBLING THE RAT PROTECTION PANEL option



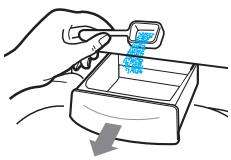
1. It is easier engaging the shutter when the set is lifted up a little, as shown in the figure below.



2. Insert the shutter completely through the engagement hole from the back.

HOW TO PUT THE DETERGENT IN

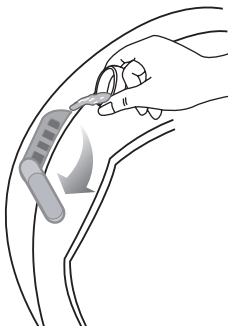
1. Open the detergent box by pulling in the direction of the arrow as shown in the figure and then put the powder detergent in the detergent box.
2. Put in one-time amount of detergent evenly so the detergent may not brim over the box.



HOW TO ADD THE FABRIC SOFTENER

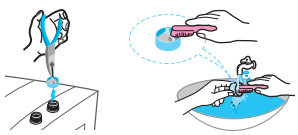
Slide and open the cover in the direction of the arrow, insert the rinse detergent, and slide and close it in the reverse direction.

- When a proper amount (one time does) of fabric softener is stored in the softener inlet,it is automatically put in at the last rinsing cycle.
- Do not use detergent, bleach or starch into the Softener Inlet.
- Using too much softener may produce unsatisfactory results.
- Do not open the lid during the Spin Dry cycle. If added too early, its effectiveness will decrease.
- Do not leave the softener into the Softener Dispenser for a long time. Because softner became stiff.

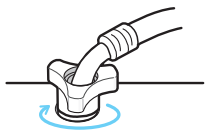


WATER SUPPLY CONNECTOR FILTER

1. Pull out the filter and wash well.



2. Pull in the filter and connect the hose to the inlet water valve tightly.

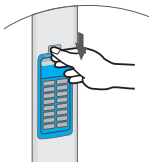


3. Check if there is a leakage.
   Note to tighten up the connector.

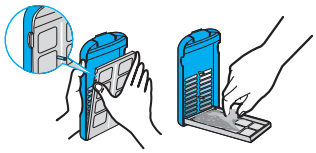
WA11V9KIC-02604C_EN.indd 19 2008-04-18 ¿ÀÈÄ 12:01:15

CLEANING THE FILTER

Clean the filter net often to keep the washer clean.



1. Push the upper part of the Magic filter and pull in.



2. Open the cover as shown in the figure.

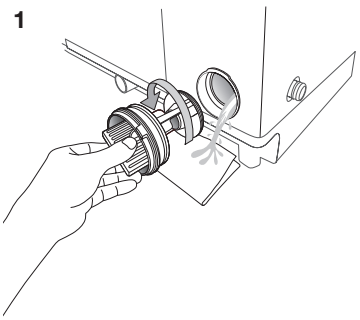
3. Clean the Magic filter.

4. Close the cover and insert the lower part of the filter in the basket first and then push the filter with “click” sound.

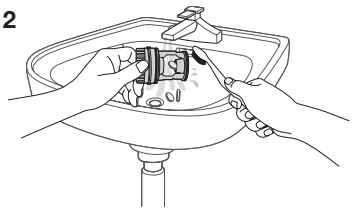
CLEAN THE PUMP FILTER

1. Place a rag or towel under the wash filter to avoid wetting the floor, and rotate the filter counterclockwise and pull it out.
2. Remove any dirt from the filter.
3. Return the filter to its place by rotating the filter clockwise until it locks into position.

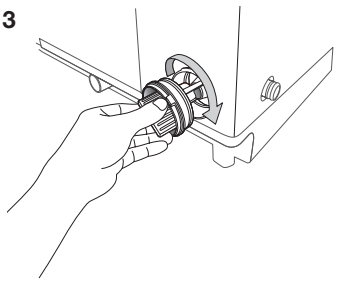
1



2

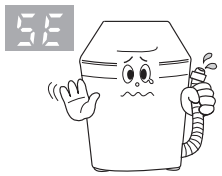
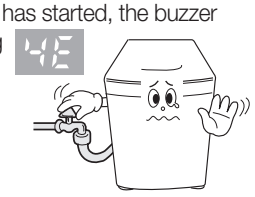
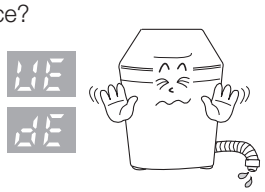


3



WA11V9KIC-02604C_EN.indd 20 2008-04-18 ¿ÀÈÄ 12:01:17

troubleshooting

PROBLEM	CHECK
Washing machine won't work	- Is the water tap opened? - Is the washer plugged in? - Is the power cut off? - Is there enough water?
Water dose not drain	- Is the drain hose down?(No pump) - Is the drain hose frozen? - Is the drain hose clogged? - If the water dose not drain in 15 minutes, a buzzer will sound, and the remaining time indicator will show "5E". 
Water is not supplied	- Is the water tap opened? - Is the water cut off? - Is the water supply hose or hose connection clogged? - Is the water tap frozen? - If the water supply is not finished in 1 hour or there is no change in the water level 4 minutes after the water supply has started, the buzzer rings and "4E" is displayed on the remaining time indicator. 
Spinning does not work	- Is the laundry spread out evenly in the washer? - In the washer set on a sturdy flat surface? 
Water is overflowed	- Restart after spinning. - If the error sign still indicates, call agency.

WA11V9KIC-02604C_EN.indd 21 2008-04-18 ¿ÀÈÄ 12:01:18

washing machine won't work?

PROBLEM	CHECK & SOLUTION
The power is cut off.	Is the electric voltage normal?
	Is the washer plugged in? Plug in the electric cord. ➲ Water does not drain.
	Is the drain hose down? Put the drain hose down.
	Is the drain hose folded? Unfold the drain hose.
	Is the drain hose outlet clogged? Remove the waste cleanly.
Washing machine won't work.	Is the washer lid open? ➲ Close the lid.
	Is the Hold button on? ➲ Press the Start/Pause button one more time and check if the washer starts.
	Is enough water filled to the water level? ➲ If the water pressure is low, it takes a long time to start washing.
	Is the faucet closed? ➲ Open the faucet to supply water.
If the drain hose and spin basket are frozen, do as follows.	• Add hot water to the frozen water tap and remove the drain hose. Soak into hot water. • Pour hot water into the spin basket for about 10 minutes. • Put a hot water towel on the drain hose connector. • If the drain hose defrosts, connect again and check for proper water draining.
The water drains out immediately.	• The drain is clogged with coins or pins. The drain hose is hung over the drain hose hook. Half fill the spin basket with water and try for spinning again.
The water leaks at the water supply hose connector.	If the faucet connecting part is loose, water may leak. ➲ Repeat the assembling steps again. (Refer to "Connecting the water supply hose")
	Check if the rubber packing of water supply hose is in the right position. ➲ Screw tightly again.
	Is the water supply hose folded? ➲ Unfold the hose.
	If the water supply is too strong, water may leak. ➲ Close the faucet a little.
	Is water leaking from the faucet itself? ➲ Fix the faucet. Water is not supplied.
	Did you press the Start/Pause button after selecting the water supply? ➲ If the Start/Pause button is not pressed, water is not supplied. Press the Start/Pause button.
	Is the faucet closed? ➲ Turn on the faucet.

WA11V9KIC-02604C_EN.indd 22 2008-04-18 ¿ÀÈÄ 12:01:18

PROBLEM	CHECK
The water leaks at the water supply hose connector.	Is the filter net at the water supply hose connector clogged with dirty matters? ➲ Clean the filter net by brushing with a toothbrush.
	Is the water supply cut off? ➲ If the water supply is suspended, turn off the faucet and power off.
Spinning makes loud noises and vibrations.	Check if the laundry is spread evenly in the washer. ➲ Spread out the laundry evenly and start again.
	Check if the washing machine levels on a sturdy flat floor. ➲ Set the machine at level.
	Is the handle for leveling legs loose? ➲ Adjust the legs on the feet for leveling.
	Is around the washing machine filled with unnecessary stuffs? ➲ Remove those unnecessary things away from the wash machine.

specification

MAX. MASS OF DRY CLOTH IN kg	WA10V9	8.0 kg / 8.5 kg	STANDARD WATER LEVEL	HIGH	77 *l*
	WA11V9	9.0 kg / 9.5 kg			
POWER CONSUMPTION	WASH	470 W		MID	64 *l*
	SPIN	280 W			
DIMENSIONS(mm)		W601xD654xH968(LOW BASE) W601xD654xH993(HIGH BASE)		LOW	55 *l*
WEIGHT		41 kg		EXTRA LOW	43 *l*
WATER PRESSURE		0.05~0.78 MPa (0.5 ~ 8.0 kg·f/cm^2)	WATER USAGE		212 *l*
WASHING TYPE		Stirring Type	SPIN SPEED		720 rpm

MAX. MASS OF DRY CLOTH IN kg	WA12V9	10.0 kg	STANDARD WATER LEVEL	HIGH	83 *l*
	WA13V9	11.0 kg			
POWER CONSUMPTION	WASH	470 W		MID	76 *l*
	SPIN	280 W			
DIMENSIONS(mm)		W601xD654xH968(LOW BASE) W601xD654xH993(HIGH BASE)		LOW	55 *l*
WEIGHT		41 kg		EXTRA LOW	43 *l*
WATER PRESSURE		0.05~0.78 MPa (0.5 ~ 8.0 kg·f/cm^2)	WATER USAGE		227 *l*
WASHING TYPE		Stirring Type	SPIN SPEED		720 rpm

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QUESTIONS OR COMMENTS?

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